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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

43826-002PC	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/mo	nth/year) Priority date (day/month/year)
PCT/US03/34826	31 October 2003 (31, 10, 2003)	01 November 2002 (01 11 2002)
International Patent Classification (IPC)	31 October 2003 (31.10.2003) or national classification and IPC	01 November 2002 (01.11.2002)
IPC(7): C07H 21/04; A61K 48/00; C12h		5/24.5; 514/44
Applicant		
THE TRUSTEES OF THE UNIVERSIT	Y OF PENNSYLVANIA	
This international prelimin Examining Authority and i This REPORT consists of	is transmitted to the applicant a	
which have been ame	nded and are the basis for this (see Rule 70.16 and Section 60	, sheets of the description, claims and/or drawings report and/or sheets containing rectifications made 07 of the Administrative Instructions under the PCT).
3. This report contains indica	tions relating to the following	items:
I Basis of the repo		relty, inventive step and industrial applicability
IV Lack of unity of	invention	
V Reasoned statem applicability; cita	ent under Article 35(2) with reations and explanations support	egard to novelty, inventive step or industrial ting such statement
VI Certain documer	nts cited	
VII Certain defects i	n the international application	
	ions on the international applic	ation
Date of submission of the demand	Date	of completion of this report
26 May 2004 (26.05.2004)		tober 2004 (18.10.2004)
Name and mailing address of the IPEA/U Mail Stop PCT, Attn: IPEA/US	Autho	rized officer
Commissioner for Patents P.O. Box 1450	Sean	R McGarry Janul Ford
Alexandria, Virginia 22313-1450		rized officer R McGarry Janual Four none No. 703 308-0196
Facsimile No. (703) 305-3230 Form PCT/IPEA/409 (cover sheet)(July 19		A 7
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

4		
Internat	application No.	
PCT/US0	3/34826	

I.	Basi	is of the report
1.	With	regard to the elements of the international application:*
		the international application as originally filed.
	\boxtimes	the description:
		pages 1-28 as originally filed
		pages NONE , filed with the demand pages NONE , filed with the letter of .
	\square	the claims:
	لككا	pages 29-38 , as originally filed
		pages NONE , as amended (together with any statement) under Article 19
		pages NONE , filed with the demand
		pages NONE , filed with the letter of
		the drawings: pages 1-3 , as originally filed
		pages NONE , filed with the demand
		pages NONE , filed with the letter of
	\boxtimes	the sequence listing part of the description:
		pages 1-66, as originally filed
		pages NONE , filed with the demand
2	Wit	pages NONE, filed with the letter of h regard to the language, all the elements marked above were available or furnished to this Authority in the
۵.	lang	uage in which the international application was filed, unless otherwise indicated under this item.
	The	se elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination(under Rules
3	XX/i+i	55.2 and/or 55.3).
Э.	inter	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:
	凶	contained in the international application in printed form.
	凶	filed together with the international application in computer readable form.
	Ц	furnished subsequently to this Authority in written form.
	Щ	furnished subsequently to this Authority in computer readable form.
	Ш	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing
	_	has been furnished.
4.	Ш	The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
	_	the drawings, sheets/fig NONE
5.	<u></u>	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
this	repo	cement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in ort as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internat application No. PCT/US05/34826

CATEMENT			
Novelty (N)	Claims	1-77	YE
	Claims	NONE	NC
Inventive Step (IS)	Claims	1-77	YE
		NONE	NC
Industrial Applicability (IA)	Claims	177	YE
		NONE	NO
s 1-77 meet the criteria set out in PCT Articled to HIF-1alpha of alternated splice or cognitional Search Report teach antisense molecule with such compounds.	ate or mutant for	rms of SEQ ID NO: 1, for example	e. The art cited in the
NEW CITATIONS			

Form PCT/IPEA/409 (Box V) (July 1998)